

CLIPPEDIMAGE= JP359055649A  
PAT-NO: JP359055649A  
DOCUMENT-IDENTIFIER: JP 59055649 A  
TITLE: OPTICAL TRANSMISSION LINE SYSTEM  
PUBN-DATE: March 30, 1984  
INVENTOR-INFORMATION:  
NAME  
TOMIKAWA, MASATAKA  
ASSIGNEE-INFORMATION:  
NAME COUNTRY  
TOSHIBA CORP N/A  
APPL-NO: JP57166209  
APPL-DATE: September 24, 1982  
INT-CL (IPC): H04B009/00  
US-CL-CURRENT: 514/420

ABSTRACT:

PURPOSE: To make adjustment of an output from a light emitting element in accordance with the length of an optical fiber cable unnecessary, by inserting an optical attenuator corresponding to the length of the optical fiber cable into an optical transmission line.

CONSTITUTION: An optical attenuator 15 is added in accordance with the length of an optical fiber cable 11. The optical attenuator 15 is formed by a

semitransparent plate e.g. and fitted to the point of a plug shaft 13a of the body 13 of a plug so as to shield an optical axis. Consequently, the loss of a transmission line between the light emitting element and a photodetecting

element can be adjusted within the specified range of a standard, so that it is unnecessary to adjust the output of the light emitting element even if the length of a cable 11 is different. It may be available to connect the optical attenuators 15 to both the ends of the optical connector part or to either one

of the ends of the optical connector part, as plural attenuators may be separately inserted in the same transmission line.

COPYRIGHT: (C) 1984, JPO&Japio